



**PUBLIC WORKS DEPARTMENT**  
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**NOTICE TO ALL PROSPECTIVE PROPOSERS:**  
**ADDENDUM NO. 1**

1. The City of Upland's Request for Proposals for **Pavement Survey and Pavement Management Program**, for which proposals are to be received at the City of Upland, Public Works Department, 1370 N. Benson Avenue, Upland, CA 91786, until 3:00 p.m. on Wednesday, March 8, 2023.
2. The following clarifications are hereby provided relating to the RFP documents and Scope of Work to be proposed:

**Task 3** of the Request for Proposal shall be revised as follows:

**Task 3: Collect Pavement Distress Ratings**

Consultant shall inspect the approximately 210 center lane miles of paved roads and 38 miles of alleys maintained by City. It should be noted that there are a handful of dirt alleys in the city, and some alleys were not captured in the iWorQ system.

The pavement surveys shall be performed using one of the following methods and will provide the amount and severity of the following distresses:

- (1) alligator cracking
- (2) block cracking
- (3) distortions
- (4) longitudinal and transverse cracking
- (5) patch and utility cut patch
- (6) rutting/depression
- (7) raveling
- (8) weathering

**A. Walking Method:**

Pavement Inspections will be performed in accordance with the distress definitions and descriptions included in the most recent versions of the MTC-published "Pavement Condition Index Distress Identification Manual for Flexible Pavements" (March, 2016) and the "Pavement Condition Index Distress Identification Manual for Rigid Pavements" (March, 2016).

For each street and alley segment, the inspector will first conduct a windshield survey of the entire segment, and then choose inspection sample locations that are

representative of the street/alley segment as a whole.

Inspections will be walked by the inspectors, and inspection sample sizes will be either 50 or 100 linear feet and between 1,000 to 4,000 square feet. A minimum of at least 10% of the entire street/alley section area shall be inspected by using the MTC 10% method of street inspections.

Consultant will record the severity (low, moderate, high) and amount of each distress type to be collected.

**B. Semi-Automated Method:**

By utilizing properly calibrated laser road surface testing (minimum 7 sensors) equipment enhanced with digital imagery and GPS capabilities, the consultant shall collect a full array of pavement condition data complete with GPS coordinated and multiple view digital images. The equipment must be capable of:

- a. Automatically and continuously measuring pavement cracking, texture, rutting, geometrics and other pavement distresses.
  - b. Laser Camera Array (LCA) collecting data that conforms with ASTM D6433 protocols.
  - c. Providing a customized digital condition rating system to collect defined severity/extent based pavement distresses and pertinent roadway attributes.
  - d. Collecting roughness data to International Roughness Index standards.
  - e. Providing Right-of-way imagery for potential Asset extraction and pavement QA/QC, processing images at a minimum of 25' intervals.
  - f. Providing internal GPS navigation for geo-locating pavement and right-of-way asset information.
  - g. Linear distance measuring to within +/-0.5%
  - h. Submit description of equipment for verification within proposal.
3. The Document entitled "Request for Proposals" as originally issued, as amended by any addendum issued prior to this addendum, and as amended by this addendum, shall be used in submitting proposals, and within the Transmittal portion of the Request for Proposals shall be an acknowledgment of receipt of this Addendum No. 1. Failure to provide such acknowledgement may render the proposal as non-responsive and subject to rejection.

BY ORDER OF THE CITY OF UPLAND

March 1, 2023



Bob Critchfield, P.E., Engineering Manager